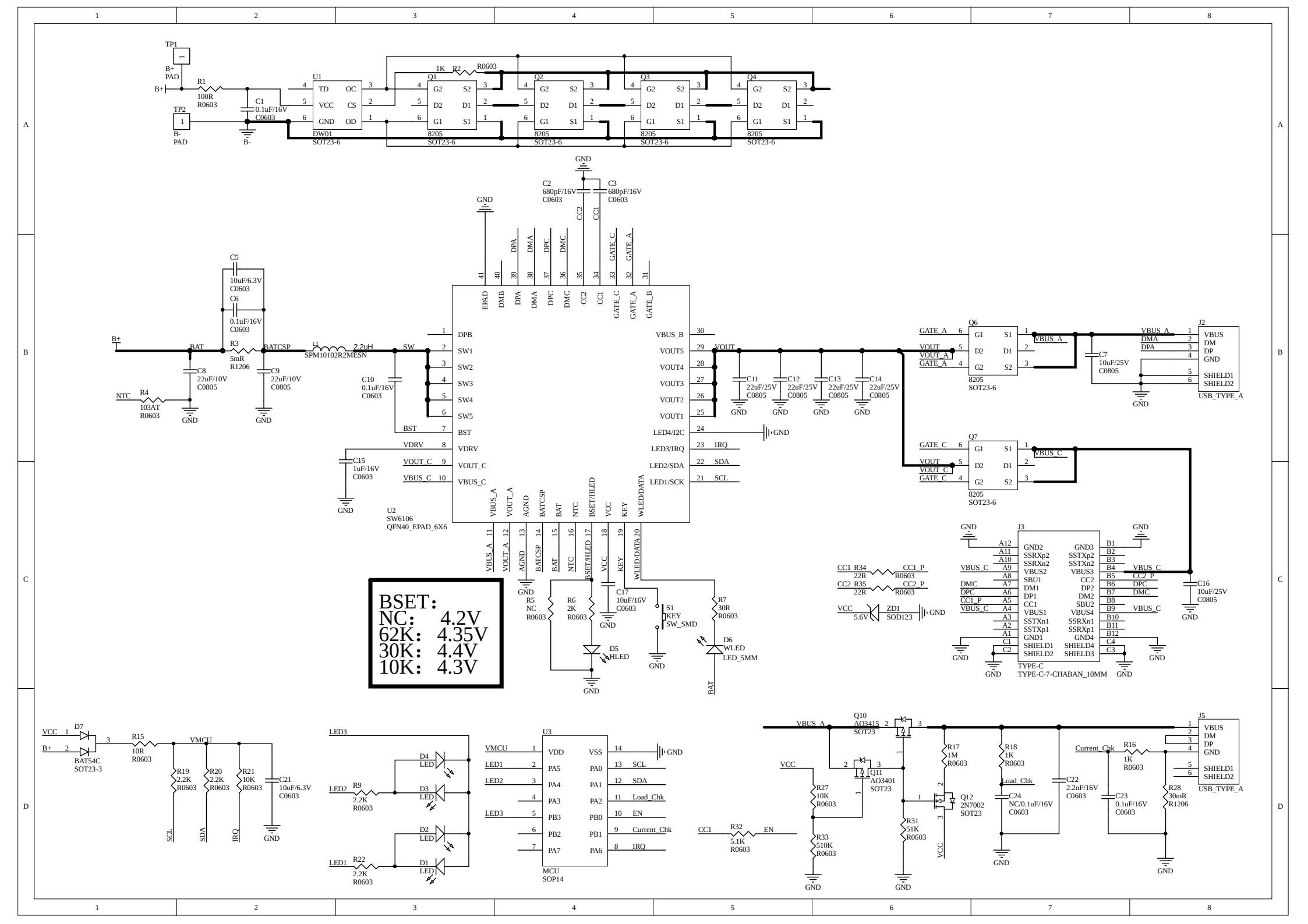
TP1
B+
PAD
R1
100R
R0603
C1
0.1uF/16V
C0603
TP2
B-
PAD
U1
TD
VCC
GND
OC
CS
OD
DW01
SOT23-6
Q1
Q2
Q3
Q4
G2
D2
G1
S2
D1
S1
8205
SOT23-6
1K
R2
R0603
C2
680pF/16V
C0603
C3
680pF/16V
C0603
CC2
CC1
GND
EPAD
DMB
DPA
DMA
DPC
DMC
CC2
CC1
GATE_C
GATE_A
GATE_B
C5
10uF/6.3V
C0603
C6
0.1uF/16V
C0603
B+
BAT
R3
5mR
R1206
BATCSP
L1
SPM10102R2MESN
2.2uH
SW
C8
22uF/10V
C0805
C9
22uF/10V
C0805
NTC
R4
103AT
R0603
C10
0.1uF/16V
C0603
C15
1uF/16V
C0603
DPB
SW1
SW2
SW3
SW4
SW5
BST
VDRV
VOUT_C
VBUS_C
VBUS_B
VOUT5
VOUT4
VOUT3
VOUT2
VOUT1
LED4/I2C
LED3/IRQ
LED2/SDA
LED1/SCK
VOUT
C11
22uF/25V
C0805
C12
22uF/25V
C0805
C13
22uF/25V
C0805
C14
22uF/25V
C0805
U2
SW6106
QFN40_EPAD_6X6
VBUS_A
VOUT_A
AGND
BATCSP
BAT
NTC
BSET/HLED
VCC
KEY
WLED/DATA
R5
NC
R0603
R6
2K
R0603
C17
10uF/16V
C0603
S1
KEY
SW_SMD
R7
30R
R0603
D5
HLED
D6
WLED
LED_5MM
BAT
BSET:
NC: 4.2V
62K: 4.35V
30K: 4.4V
10K: 4.3V
Q6
Q7
GATE_A
GATE_C
VOUT_A
VOUT_C
VBUS_A
VBUS_C
C7
10uF/25V
C0805
J2
VBUS
DM
DP
SHIELD1
SHIELD2
USB_TYPE_A
J3
TYPE-C
TYPE-C-7-CHABAN_10MM
CC1 R34 CC1_P
22R R0603
CC2 R35 CC2_P
22R R0603
VCC
5.6V
ZD1
SOD123
C16
10uF/25V
C0805
D7
BAT54C
SOT23-3
R15
10R
R0603
VMCU
R19
2.2K
R0603
R20
2.2K
R0603
R21
10K
R0603
C21
10uF/6.3V
C0603
SCL
SDA
IRQ
LED3
LED2
LED1
R9
2.2K
R0603
R22
2.2K
R0603
D4
LED
D3
LED
D2
LED
D1
LED
U3
MCU
SOP14
VDD
PA5
PA4
PA3
PB3
PB2
PA7
VSS
PA0
PA1
PA2
PB0
PB1
PA6
SCL
SDA
Load_Chk
EN
Current_Chk
IRQ
CC1
R32
5.1K
R0603
Q10
AO3415
SOT23
Q11
AO3401
SOT23
Q12
2N7002
SOT23
R17
1M
R0603
R18
1K
R0603
R27
10K
R0603
R33
510K
R0603
R31
51K
R0603
C22
2.2nF/16V
C0603
C24
NC/0.1uF/16V
C0603
C23
0.1uF/16V
C0603
R16
1K
R0603
R28
30mR
R1206
Current_Chk
Load_Chk